CRF Error Corrected by the STIC Systems Branch

CRF Processing Date: 12/3/02 1600

Error by: DC (STIC staff)

Verified by:

Serial Number: 09/777,856 1653 #7

- ☐ Changed a file from non-ASCII to ASCII
- ☑ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: ENTERED
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as
- ☐ Inserted mandatory headings, specifically:
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:
- ☐ Other:

RECEIVED
DEC 12 2002
OFFICE OF PETITIONS

RECEIVED
DEC 10 2002
TECH CENTER 1600/2900

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

3/1/95

RAW SEQUENCE LISTING DATE: 12/03/2002
PATENT APPLICATION: **US/09/777,856** TIME: 09:19:19

Input Set : **A:\PTO.DC.TXT**
Output Set: **N:\CRF4\12032002\I777856.raw**

```
      5 <110> APPLICANT: Aronheim, Ami
      7       Hubsman, Monika
     11 <120> TITLE OF INVENTION: NUCLEIC ACID CONSTRUCT SYSTEM AND METHOD UTILIZING SAME
USEFUL
     12       FOR IDENTIFYING PROTEIN-PROTEIN INTERACTIONS
     16 <130> FILE REFERENCE: 01/21605
C--> 20 <140> CURRENT APPLICATION NUMBER: US/09/777,856
C--> 20 <141> CURRENT FILING DATE: 2001-02-07
     20 <150> PRIOR APPLICATION NUMBER: 60/220,153
     22 <151> PRIOR FILING DATE: 2000-07-24
     26 <160> NUMBER OF SEQ ID NOS: 7
     30 <170> SOFTWARE: PatentIn version 3.0
     34 <210> SEQ ID NO: 1
     36 <211> LENGTH: 561
     38 <212> TYPE: DNA
     40 <213> ORGANISM: Rattus rattus
     44 <400> SEQUENCE: 1
     45 atgacggaat ataagctggt ggtggtgggc gccggcggtg tgggcaagag tgcgctgacc     60
     47 atccagctga tccagaacca ttttgtggac gaatacgacc ccactataga ggattcctac    120
     49 cggaagcagg tggtcattga tggggagacg tgcctgttgg acatcctgga taccgccggc    180
     51 ctggaggagt acagcgccat gcgggaccag tacatgcgca ccggggaggg cttcctgtgt    240
     53 ggtttgccat caacaacacc aagtcttttg aggacatcca ccagtacagg gagcagatca    300
     55 aacgggtgaa ggactcggat gacgtgccca tggtgctggt ggggaacaag tgtgacctgg    360
     57 ctgcacgcac tgtggaatct cggcaggctc aggacctcgc ccgaagctac ggcatccccc    420
     59 acatcgagac ctcggccaag acccggcagg gagtggagga tgccttctac acgttggtgc    480
     61 gtgagatccg gcagcacaag ctgcggaagc tgaaccctcc tgatgagagt ggccccggct    540
     63 gcatgagctg caagggaatt c                                             561
     66 <210> SEQ ID NO: 2
     68 <211> LENGTH: 711
     70 <212> TYPE: DNA
     72 <213> ORGANISM: Rattus rattus
     76 <400> SEQUENCE: 2
     77 atgccgccgc gggagctgag cgaggccgag ccaccgcctc tcccggcctc gacccctcct     60
     79 ccgcggcggc gcagcgcccc tccggagctg ggcatcaaat gcgtgctggt gggcgacgtc    120
     81 gcggtgggca agagcagcct catcgtcagc tacacctgca atggataccc ctcgcgctat    180
     83 cggcctacag cactggacac tttctccgtg caagtcctgg tagatggagc ccctgtgcga    240
     85 attgagctct gggacacagc agggcaggag gactttgacc ggcttcgttc tctctgctac    300
     87 ccggataccg atgtctttct ggcttgcttc agcgtggtgc agcccagctc ctttcaaaac    360
     89 ataacagaaa aatggctgcc ggagatccgc actcacaacc cccaagcacc tgtgttgctg    420
     91 gtgggcactc aggccgacct gagggacgat gtcaatgtac taattcagtt ggaccaagga    480
     93 ggtcgggagg gcccagtacc cgaaccccaa gcccagggtt tggctgagaa gatccgggcc    540
     95 tgctgctacc ttgagtgctc agccttgacg cagaagaact tgaaggaggt gttcgactcg    600
     97 gccattctca gtgcgattga gcacaaagcc cgcctggaga agaaactgaa cgcaaaaggt    660
     99 gtgcgcacgc tctctcgctg tcgctggaag aagttcttct gctttgtttg a              711
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RAW SEQUENCE LISTING DATE: 12/03/2002
PATENT APPLICATION: **US/09/777,856** TIME: 09:19:19

Input Set : **A:\PTO.DC.TXT**
Output Set: **N:\CRF4\12032002\I777856.raw**

102 <210> SEQ ID NO: 3
104 <211> LENGTH: 24
106 <212> TYPE: DNA
108 <213> ORGANISM: Artificial
112 <220> FEATURE:
114 <223> OTHER INFORMATION: synthetic oligonucleotide
116 <400> SEQUENCE: 3
117 cggaattcaa atgcgtgctg gtgg 24
120 <210> SEQ ID NO: 4
122 <211> LENGTH: 20
124 <212> TYPE: DNA
126 <213> ORGANISM: Artificial
130 <220> FEATURE:
132 <223> OTHER INFORMATION: synthetic oligonucleotide
134 <400> SEQUENCE: 4
135 ccaagctatt taggtgacac 20
138 <210> SEQ ID NO: 5
140 <211> LENGTH: 33
142 <212> TYPE: DNA
144 <213> ORGANISM: Unknown
148 <220> FEATURE:
150 <223> OTHER INFORMATION: myc epitope tag
152 <400> SEQUENCE: 5
153 atggtgcaga agctgatctc cgaggaggac ctg 33
156 <210> SEQ ID NO: 6
158 <211> LENGTH: 86
160 <212> TYPE: DNA
162 <213> ORGANISM: Unknown
166 <220> FEATURE:
168 <223> OTHER INFORMATION: v-Src myristoylation sequence
170 <400> SEQUENCE: 6
171 atggggagta gcaagagcaa gcctaaggac cccagccagc gccggcccgg agatccacta 60
173 gtaacggccg ccagtgtgct ggaatt 86
176 <210> SEQ ID NO: 7
178 <211> LENGTH: 63
180 <212> TYPE: DNA
182 <213> ORGANISM: Unknown
186 <220> FEATURE:
188 <223> OTHER INFORMATION: CAAX box consensus sequence
190 <400> SEQUENCE: 7
191 aagctgaacc ctcctgatga gagtggcccc ggctgcatga gctgcaagtg tgtgctctcc 60
193 tga 63

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/03/2002
PATENT APPLICATION: US/09/777,856 TIME: 09:19:20

Input Set : A:\PTO.DC.TXT
Output Set: N:\CRF4\12032002\I777856.raw

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4

VERIFICATION SUMMARY DATE: 12/03/2002
PATENT APPLICATION: **US/09/777,856** TIME: 09:19:20

Input Set : **A:\PTO.DC.TXT**
Output Set: **N:\CRF4\12032002\I777856.raw**

L:20 M:270 C: Current Application Number differs, Replaced Current Application No
L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Does Not Comply
Corrected Diskette Needed 1600

RAW SEQUENCE LISTING DATE: 11/21/2002
PATENT APPLICATION: **US/09/777,856** TIME: 13:10:32

Input Set : **A:\Seq.txt**
Output Set: **N:\CRF4\11212002\I777856.raw**

```
      5 <110> APPLICANT: Aronheim, Ami
      7       Hubsman, Monika
     11 <120> TITLE OF INVENTION: NUCLEIC ACID CONSTRUCT SYSTEM AND METHOD UTILIZING SAME
USEFUL
     12       FOR IDENTIFYING PROTEIN-PROTEIN INTERACTIONS
     16 <130> FILE REFERENCE: 01/21605
C--> 20 <140> CURRENT APPLICATION NUMBER: US/09/777,856
C--> 20 <141> CURRENT FILING DATE: 2001-02-07
     20 <150> PRIOR APPLICATION NUMBER: 60/220,153
     22 <151> PRIOR FILING DATE: 2000-07-24
     26 <160> NUMBER OF SEQ ID NOS: 7
     30 <170> SOFTWARE: PatentIn version 3.0


ERRORED SEQUENCES

     34 <210> SEQ ID NO: 1
     36 <211> LENGTH: 561
     38 <212> TYPE: DNA
     40 <213> ORGANISM: Rattus rattus
     44 <400> SEQUENCE: 1
E--> 45 atgacggaat ataagctggt ggtggtgggc gccggcggtg tgggcaagag tgcgctgacc
     46 60
E--> 48 atccagctga tccagaacca ttttgtggac gaatacgacc ccactataga ggattcctac
     49 120
E--> 51 cggaagcagg tggtcattga tggggagacg tgcctgttgg acatcctgga taccgccggc
     52 180
E--> 54 ctggaggagt acagcgccat gcgggaccag tacatgcgca ccggggaggg cttcctgtgt
     55 240
E--> 57 ggtttgccat caacaacacc aagtcttttg aggacatcca ccagtacagg gagcagatca
     58 300
E--> 60 aacgggtgaa ggactcggat gacgtgccca tggtgctggt ggggaacaag tgtgacctgg
     61 360
E--> 63 ctgcacgcac tgtggaatct cggcaggctc aggacctcgc ccgaagctac ggcatcccct
     64 420
E--> 66 acatcgagac ctcggccaag acccggcagg gagtggagga tgccttctac acgttggtgc
     67 480
E--> 69 gtgagatccg gcagcacaag ctgcggaagc tgaaccctcc tgatgagagt ggccccggct
     70 540
E--> 72 gcatgagctg caagggaatt c
     73 561
     76 <210> SEQ ID NO: 2
     78 <211> LENGTH: 711
     80 <212> TYPE: DNA
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wrapped nucleics

RAW SEQUENCE LISTING DATE: 11/21/2002
PATENT APPLICATION: US/09/777,856 TIME: 13:10:32

Input Set : A:\Seq.txt
Output Set: N:\CRF4\11212002\I777856.raw

82 <213> ORGANISM: Rattus rattus
86 <400> SEQUENCE: 2
E--> 87 atgccgccgc gggagctgag cgaggccgag ccaccgcctc tcccggcctc gacccctcct
88 60
E--> 90 ccgcggcggc gcagcgcccc tccggagctg ggcatcaaat gcgtgctggt gggcgacgtc
91 120
E--> 93 gcggtgggca agagcagcct catcgtcagc tacacctgca atggataccc ctcgcgctat
94 180
E--> 96 cggcctacag cactggacac tttctccgtg caagtcctgg tagatggagc ccctgtgcga
97 240
E--> 99 attgagctct gggacacagc agggcaggag gactttgacc ggcttcgttc tctctgctac
100 300
E--> 102 ccggataccg atgtctttct ggcttgcttc agcgtggtgc agcccagctc ctttcaaaac
103 360
E--> 105 ataacagaaa aatggctgcc ggagatccgc actcacaacc cccaagcacc tgtgttgctg
106 420
E--> 108 gtgggcactc aggccgacct gagggacgat gtcaatgtac taattcagtt ggaccaagga
109 480
E--> 111 ggtcgggagg gcccagtacc cgaaccccaa gcccagggtt tggctgagaa gatccgggcc
112 540
E--> 114 tgctgctacc ttgagtgctc agccttgacg cagaagaact tgaaggaggt gttcgactcg
115 600
E--> 117 gccattctca gtgcgattga gcacaaagcc cgcctggaga agaaactgaa cgcaaaaggt
118 660
E--> 120 gtgcgcacgc tctctcgctg tcgctggaag aagttcttct gctttgtttg a
121 711
124 <210> SEQ ID NO: 3
126 <211> LENGTH: 24
128 <212> TYPE: DNA
130 <213> ORGANISM: Artificial
134 <220> FEATURE:
136 <223> OTHER INFORMATION: synthetic oligonucleotide
138 <400> SEQUENCE: 3
E--> 139 cggaattcaa atgcgtgctg gtgg
140 24
143 <210> SEQ ID NO: 4
145 <211> LENGTH: 20
147 <212> TYPE: DNA
149 <213> ORGANISM: Artificial
153 <220> FEATURE:
155 <223> OTHER INFORMATION: synthetic oligonucleotide
157 <400> SEQUENCE: 4
E--> 158 ccaagctatt taggtgacac
159 20
162 <210> SEQ ID NO: 5
164 <211> LENGTH: 33
166 <212> TYPE: DNA
168 <213> ORGANISM: Unknown
172 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 11/21/2002
PATENT APPLICATION: US/09/777,856 TIME: 13:10:32

Input Set : A:\Seq.txt
Output Set: N:\CRF4\11212002\I777856.raw

174 <223> OTHER INFORMATION: myc epitope tag
176 <400> SEQUENCE: 5
E--> 177 atggtgcaga agctgatctc cgaggaggac ctg
178 33
181 <210> SEQ ID NO: 6
183 <211> LENGTH: 86
185 <212> TYPE: DNA
187 <213> ORGANISM: Unknown
191 <220> FEATURE:
193 <223> OTHER INFORMATION: v-Src myristoylation sequence
195 <400> SEQUENCE: 6
E--> 196 atggggagta gcaagagcaa gcctaaggac cccagccagc gccggcccgg agatccacta
197 60
E--> 199 gtaacggccg ccagtgtgct ggaatt
200 86
203 <210> SEQ ID NO: 7
205 <211> LENGTH: 63
207 <212> TYPE: DNA
209 <213> ORGANISM: Unknown
213 <220> FEATURE:
215 <223> OTHER INFORMATION: CAAX box consensus sequence
217 <400> SEQUENCE: 7
E--> 218 aagctgaacc ctcctgatga gagtggcccc ggctgcatga gctgcaagtg tgtgctctcc
219 60
E--> 221 tga
222 63

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/21/2002
PATENT APPLICATION: **US/09/777,856** TIME: 13:10:33

Input Set : **A:\Seq.txt**
Output Set: **N:\CRF4\11212002\I777856.raw**

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4

VERIFICATION SUMMARY DATE: 11/21/2002
PATENT APPLICATION: **US/09/777,856** TIME: 13:10:33

Input Set : **A:\Seq.txt**
Output Set: **N:\CRF4\11212002\I777856.raw**

L:20 M:270 C: Current Application Number differs, Replaced Current Application No
L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:45 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:1
M:254 Repeated in SeqNo=1
L:87 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:2
M:254 Repeated in SeqNo=2
L:139 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:3
L:158 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:4
L:177 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:33 SEQ:5
L:196 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:6
M:254 Repeated in SeqNo=6
L:218 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:7
M:254 Repeated in SeqNo=7